

CLAIMS

1. – A packaging and application device (1) for a product, including:

a) a receptacle (10) of longitudinal axis X capable of containing the product;

b) a porous or fibrous applicator element (20) capable of communicating with the product contained in the receptacle through a passage (45);

c) an element (30, 40) to open/close the passage including a mobile part (40), rotatable about the axis X relative to the receptacle between a first position in which the passage is closed and a second position in which the passage is open,

d) a closure cap (50) capable of attachment by means of a screw thread (54) onto the opening/closing element so as to constitute an enclosed holder (51) for the applicator element,

a rotational movement of the cap about the axis X being capable of opening and closing the passage.

2. – Device according to claim 1, characterised in that the mobile part (40) of the opening/closing element is capable of moving independently of the cap (50).

3. – Device according to any of the foregoing claims, characterised in that the cap (50) is capable of being screwed onto the opening/closing element irrespective of the position of the mobile part (40) of the opening/closing element.

4. – Device according to any of the foregoing claims, characterised in that the mobile part (40) of the opening/closing element is mobile relative to the

receptacle in rotation only about the axis X and in that the passage is formed outside the axis X.

5. – Device according to any of claims 1 to 3, characterised in that the rotational movement of the mobile part (40) of the opening/closing element relative to the receptacle is accompanied by a linear movement along axis X.

6. – Device according to claim 5, characterised in that the mobile part (40) of the opening/closing element is mobile relative to the receptacle by means of a screw thread (42).

7. – Device according to any one of the preceding claims, characterised in that the passage (45) is closed off by engagement between a wall (36a; 136) formed on the fixed part (30) of the opening/closing element and an opening (45) formed in the mobile part of the opening/closing element.

8. – Device according to any one of the preceding claims, characterised in that the applicator element (20) is mounted on the device in a removable manner.

9. – Device according to any one of the preceding claims, characterised in that it includes a holder (55) containing at least one second applicator element (20).

10. – Device according to claim 9, characterised in that this holder (55) contains a stock of several applicator elements (20).

11. – Device according to claim 9 or 10, characterised in that the holder (55) is formed in the closure cap (50).

12. – Device according to any one of the preceding claims, characterised in that the applicator element (20) is a block of foam, notably an open-cell foam.

13. – Device according to any one of the preceding claims, characterised in that it is configured to facilitate the application of a product onto the nails.

14. – Device according to any one of the preceding claims, characterised in that the receptacle (10) comprises a deformable wall (11).

15. – Device according to any one of the preceding claims, characterised in that the product contained in the receptacle (10) is a cosmetic product.

16. – Device according to claim 15, characterised in that the product is a formulation for the removal of a beauty product from keratin material, in particular a nail varnish remover.

17. – Use of a device according to any one of the preceding claims for the removal of nail varnish.